

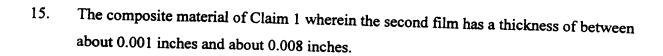
What is claimed is:

Docket No.: CSAC-0009

- 1. A composite flooring material comprising:
 - a. a foam sheet comprising polyolefin;
 - b. a first film adhered to a first surface of the foam sheet; and
 - c. a second film adhered to a second surface of the foam sheet, wherein at least one edge of the second film extends beyond a corresponding edge of the foam sheet.
- 2. The composite material of Claim 1 wherein the foam sheet comprises polyethylene.
- 3. The composite material of Claim 2 wherein the foam sheet comprises a low density polyethylene, a medium density polyethylene, or a high density polyethylene.
- 4. The composite material of Claim 1 wherein the foam sheet has a density of between about 1 and about 8 pounds/ft³.
- 5. The composite material of Claim 1 wherein the foam sheet has a thickness of between about 0.001 and about 2 inches.
- 6. The composite material of Claim 1 wherein the first film has a thickness of not more than about 0.001 inches.
- 7. The composite material of Claim 6 wherein the first film has a thickness of between about 0.0003 inches and about 0.00075 inches.

ļ.:£

- 8. The composite material of Claim 1 wherein the first film comprises polyolefin.
- 9. The composite material of Claim 8 wherein the first film comprises polyethylene.
- 10. The composite material of Claim 9 wherein the first film comprises a compound selected from the group consisting of low density polyethylene, metallocene based polyethylene, medium density polyethylene, high density polyethylene, and biaxially oriented polypropylene.
- 11. The composite material of Claim 1 wherein the first film comprises a film layer and a bonding layer.
- 12. The composite material of Claim 11 wherein the bonding layer comprises comprises a compound selected from the group consisting of propylene/ethylene copolymers, ethylene-propylene terpolymers, ethylene-butylene random copolymers, polyethylenes ranging in density from about 0.91 to about 0.96 g/cc, metallocene-catalyzed plastomers and elastomers, ultra low density ethylene/octene copolymers ranging in density from about 0.88 to about 0.913 g/cc, ionomers, natural rubbers, styrene-butadine-stryrene copolymers, styrene-isoprene-styrene copolymers, acrylics, ethylene/vinyl acetate copolymers, ethylene/vinyl alcohol copolymers, flourinated ethylene-propylene copolymers, elastomeric copolymers of ethylene and propylene, butyl rubbers, ABS, chlorinated polyethylenes, PVDC, ACS acrylonitrile-chlorinated polyethylenes, and high impact polystyrenes.
- 13. The composite material of Claim 1 wherein the first film is stretch-oriented in at least two directions.
- 14. The composite material of Claim 13 wherein the first film has an orientation ratio of at least about 2 in both of said at least two directions.



- 16. The composite material of Claim 15 wherein the second film has a thickness of about 0.002 inches.
- 17. The composite material of Claim 1 wherein the second film comprises polyolefin.
- 18. The composite material of Claim 17 wherein the second film comprises polyethylene.
- 19. The composite material of Claim 18 wherein the second film comprises a low density polyethylene.
- 20. The composite material of Claim 1 wherein the second film comprises a film layer and a bonding layer.
- 21. The composite material of Claim 20 wherein the bonding layer comprises a compound selected from the group consisting of propylene/ethylene copolymers, ethylene-propylene terpolymers, ethylene-butylene random copolymers, polyethylenes ranging in density from about 0.91 to about 0.96 g/cc, metallocene-catalyzed plastomers and elastomers, ultra low density ethylene/octene copolymers ranging in density from about 0.87 to about 0.913 g/cc, ionomers, natural rubbers, styrene-butadine-stryrene copolymers, styrene-isoprene-styrene copolymers, acrylics, ethylene/vinyl acetate copolymers, ethylene/vinyl alcohol copolymers, flourinated ethylene-propylene copolymers, elastomeric copolymers of ethylene and propylene, butyl rubbers, ABS, chlorinated polyethylenes, PVDC, ACS acrylonitrile-chlorinated polyethylenes, and high impact polystyrenes.

ļ.:**L**

- 22. The composite material of Claim 1 further comprising an adhesive positioned along at least a portion of said at least one edge of the second film that extends beyond the corresponding edge of the foam sheet.
- 23. The composite material of Claim 22 further comprising a release liner applied to the adhesive layer.
- 24. A method for making a composite material comprising the steps of:
 - a. adhering a first film to a first surface of a foam sheet; and
 - b. adhering a second film to a second surface of the foam sheet such that at least one edge of the film extends beyond a corresponding edge of the foam sheet.
- 25. The method of Claim 24 wherein the first and second films are heat laminated to the foam sheet.
- 26. The method of Claim 24 comprising the step of interposing a first bonding layer between the first film and the foam sheet.
- 27. The method of Claim 24 comprising the step of interposing a second bonding layer between the second film and the foam sheet.